

# SPRAGUE ELECTRIC

## VICTORY

# Log

BY SPRAGUE EMPLOYEES *and* FOR SPRAGUE EMPLOYEES

Volume VIII

SPRAGUE ELECTRIC VICTORY LOG, NOVEMBER 24 1945

Number 8

## THANKSGIVING MEANS MORE THIS YEAR



This photograph shows various types of VT-fuzes for use in 5 inch 38 calibre and 3 inch 50 calibre Navy guns. The photograph on page 3 of this issue of the LOG gives other details of the VT-fuze which is credited with being a major factor in repulsing the German counter-offensive in France in the winter of 1944 as well as with stemming the V-bomb attacks on London the preceding summer and the kamikaze threat in the last months of the Pacific war.

Official U. S. Navy Photo

### V-T FUZE ONE OF BIGGEST FACTORS IN BEATING FOES TO KNEES

In a recent issue of the *Log* announcement was made of the award to the Sprague Electric Company and its employees of the Bureau of Ordnance "E" for work done in the development and manufacture of the Variable Timing or VT-Fuze. Since that time the Company has received from the Navy Department a series of photographs, several of which are printed on page three of this issue.

These photographs of the VT-Fuze bring out graphically the tremendous amount of engineering which must have gone into designing, experimenting with, perfecting and building the tiny sending and receiving radio sets which were the heart of the VT-Fuze and fitted into the nose of anti-aircraft and other types of shells.

#### "More Spectacular Than Radar"

It is now public knowledge that the Variable Timing Fuze was in great part developed in New Mexico which also was where the scene was laid for the initial test of the A-bomb. Assistant Secretary of the Navy, H. Struve Hensel ranks the weapon as second only to the atomic bomb as a scientific war achievement.

The VT-Fuze has been described "as even more spectacular than radar" and as having played a most important part in stopping the Germans short in their attempt to break through the allies into Belgium and retake the port of Antwerp. The Navy disclosed that the fuze explodes shells electronically when they reach the vicinity of the target.

#### Secret of "Madame X" Well Kept

The secret of "Madame X", as the fuze was nicknamed by some, was as closely kept as that of the A-Bomb development. Very few of the thousands of men and women at work on this project all over the country knew anything at all about the nature and purpose of the parts they were asked to develop and make to go into the Fuze.

As we have said, the fuze is an extremely rugged, five-tube radio sending and receiving station which fits into the nose of a projectile. A vacuum tube sends out electromagnetic waves at the speed of light. These are reflected by any target which gives a radio reflection, such as metal objects, water or earth. If a projectile equipped with a VT-Fuze passes within 70 feet of an airplane, reflected impulses act on the fuze circuit to trip a switch which operates the mechanism which detonates the shell.

(Continued on page 2)

### SACRIFICES OF MILLIONS OF MEN AND THEIR FAMILIES MADE IT POSSIBLE

Never since the Pilgrims landed at Plymouth Rock and later held their first Thanksgiving Day on the bleak shores of the old Bay State has there come a Thanksgiving Day so full of meaning. They were entering a new era, for themselves and for their children's children. We are entering a new era. What it will bring to us and future generations we do not know. To the Pilgrims the future looked just as difficult. In addition they had to work without steam, electricity, radio, autos, telephones, railroads, airplanes and modern medicine. But they got down on their knees and gave thanks that they had been saved; and then they got up and faced the future with courage and determination. Let us do the same.



#### President R. C. Sprague Sees V-T Fuze In Action

2 November 1945

To the Log:

I had a very interesting day Wednesday along with about 30 other civilians on invitation from the Navy Department on the Cruiser "COLUMBUS". The "COLUMBUS" is one of the newest 13,000 ton heavy cruisers; actual weight 17,000 tons, 670 feet long, and with a power plant of 120,000 H.P. to drive her at a top speed of 33 knots (about 40 miles) an hour.

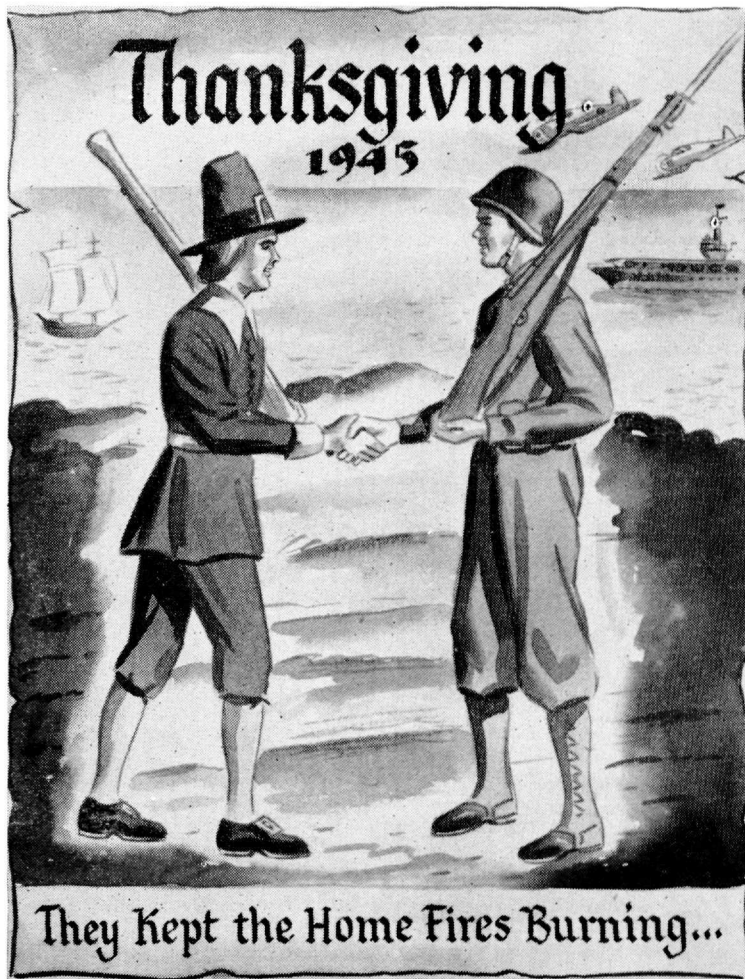
The purpose of the trip was to permit representatives of manufacturers who contributed substantially to the development and manufacture of the VT proximity fuze to see a demonstration of the fuze in action.

#### Effective Demonstration

During this target practice the starboard battery of eight 5" anti-aircraft guns mounted in twin turrets, two on the starboard side and two on the centerline, shot at a plane radio controlled from two twin motor mother ships located about 5,000 feet away from the target ship or "drone" as it is called. The 5" shells used were equipped with the VT or proximity fuze, and the target ship was knocked down in flames within 30 seconds after firing commenced. It was a very effective demonstration of the deadliest of these new fuzes, and was a thrilling experience indeed.

We then cruised back to Graves End Bay going at a comfortable speed of

(Continued on page 2)



# SPRAGUE ELECTRIC VICTORY *Log* BY SPRAGUE EMPLOYEES and FOR SPRAGUE EMPLOYEES

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"Every Sprague Worker an Assistant Reporter."

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## V-T Fuze Big Factor

(Continued from page 1)

But someone who is familiar with radio and electricity will ask you: "Where did that little radio set get its electric power?" And this in general terms is the answer:—

"When the gun was fired, the shock of fire broke a small glass vial in the fuze. Centrifugal force in the rotating projectile caused liquid electrolyte to flow through a stack of thin, ring-shaped battery plates. The battery not only furnished the juice for the radio set but it also "armed" the fuze. It did this by charging a condenser hooked up with an electrical detonator much like a dynamite cap."

Even then there were problems at high altitudes to be solved and many others; suffice it to say that they were all worked out in the end and that the Fuze helped beyond measure to stop the Germans as well as to spell the doom of the Kamikaze Japs.

This radio-detonated fuze, which explodes a shell when it gets near enough to inflict damage with bursting fragments, was, as we have said, one of the best kept secrets of the war. No word of it leaked out to the enemy or to the public until after the war was won and many of the men and women who shared in its production did not know what they were doing as they worked at their job of manufacturing tiny, rugged tubes and parts for the radio sending and receiving set small enough to fit into the nose of anti-aircraft shells.

## Awarded Ordnance "E" For War Effort

The receipt of this coveted Bureau of Ordnance "E", in addition to the five awards already received between February 27, 1943 and VJ-Day, is further evidence that Sprague Electric Company and Sprague workers did a first quality, front rank job in support of the war effort. We hope you will look over the pictures on page one and page three. You will also find the letter from Mr. R. C. Sprague most interesting, describing as it does his day aboard the heavy cruiser COLUMBUS, during which he witnessed the Variable Timing Fuze in action.

## Thanksgiving

We are thankful for the glory of the old Red, White and Blue,  
For the spirit of America that still is staunch and true,  
And the laughter of our children with the sunlight in their eyes,  
For the joy of radiant mothers and their evening lullabies.

Thankful for the riches that are ours to claim and keep,  
For the joy of honest labor and the boon of happy sleep,  
And thankful for the loyal souls and brave men of the past  
Who fought to give us freedom -- a freedom that will last.

We are thankful for the plenty that our peaceful land has blessed,  
For the rising sun that beckons every man to do his best.  
For the flaming torch of justice, symbolizing as it burns:  
Here none may rob the toiler of the prize he fairly earns.

To-day, our thanks for homes with laughter ringing,  
And hearthfires blazing bright,  
For a land of peace and plenty, a land of truth and right;  
We are thankful for the glory of the old Red, White and Blue,  
For the spirit of our people, and our manhood staunch and true.

—Apologies to Edgar Guest



In recent contest for Employee papers, the LOG Staff receives an award. Professor Chandler Parkhurst, of Boston University, member of the Judging Committee presents Certificate of Excellence, won by the Sprague Victory LOG to Editor Ed Whitten.

## News From Servicemen

### Sends Thanks

October 28, 1945  
Okinawa

Dear Friends:

I would like to thank everyone who makes the *Log* possible. I don't receive it as regular as I believe possible. My new address is YMS-319, and I would appreciate it very much if this change is made.

The *Log* gives me very much information on my old friends and it has allowed me to follow the development of the Shipping Department at Marshall Street, where I formerly worked.

Will close for now. My regards to my old shipping gang, E. Haley, E. Bellows and "Links" Lamoureux.

Yours truly,

Ralph J. Lesure, S-1

### "Wish I Were Shoveling Snow"

Luzon, Philippines  
Oct. 25, 1945

Hello Jack:

How are you and all the Sprague employees? I am fine and getting so dark I look just like the Filipinos. I am stationed just outside of San Fernando, about 190 miles from Manila.

The weather here is really nice. The days are hot and the nights quite cool. The rainy season is just over and the dry spell just starting. But how I wish I was back in good old Mass. this winter shoveling snow and trying to keep warm. I think I will have to spend about a year over here and that will bring me home around next Christmas.

And Manila is practically a total wreck. The harbor is full of sunken ships, both ours and the Japs. Most of the towns are bombed out. This really must have been a pretty place prior to the war.

I have accumulated quite a few souvenirs including a Jap sword, of which I think quite a lot. It still has blood stains on it. I have learned quite a bit of the Filipino language but cannot write it.

Jack will you please see to it that I get the *Sprague Log*. I sure would like to receive it so that I might keep track of what my fellow workers are doing. I would appreciate it if some of the guys and gals would write. It sure is a morale builder to receive mail. Well this is about all I have time for as it is about time for lights out.

Yours truly,

Charles Ernest McNulty

Pvt. Ernest McNulty 31419042  
307 Ordnance Maintenance Co. (A.A.)  
A.P.O. 70 c-o P.M. San Francisco, Cal.

## Hostesses to Industrial Nurses

The Berkshire County Industrial Nurses were the guests of the Sprague Electric nurses at a dinner meeting at the Richmond Hotel, Tuesday evening, November 13th. The hostesses were:

Ethel Lowe, Etta Owen, Margaret Accetta and Agnes Costello.

After dinner, a round table discussion on the prevention and treatment of dermatitis was held. The next meeting of the group will be December 12th in Pittsfield.

## GI's PREFER RADIO SHOPS

It is interesting to note that our returning GI's are more interested in opening up radio shops than in most other lines of enterprise. Of some 225 letters received weekly from veterans interested in new business, inquiries concerning radio or electrical shops lead the list, with restaurants and filling stations holding second place.

## The World at Your Pillow

Miniature "soft" speakers enable hospital patients to enjoy radio programs without disturbing others nearby. Used under pillows, the speaker can be connected with any radio system.

## Meet Our War Veterans . . .

### MARSHALL STREET



Left: Daniel McMahon, John Callahan and Atilio Perrone.

**Dominic Bernardi**, after serving 3 years in the Infantry has received his discharge with the rank of Private first class and has 5 Campaign Stars. Previous to his entering the service he was employed in the Block Assembly and is now employed in the P.A.A. Department.

**Shoal Ashkar**, a former member of the Air Corps in which he served 4 years and 8 months, holds the D.F.C., 8 Battle Stars, 4 Air Medals, American Defense, African and European Theater Ribbons. At the time of his discharge he held the rank of Tech. Sergeant. Shoal is employed in the P.A.A. Department.

**William Duverney** has returned to the Maintenance Department after serving 13 months in the infantry. Bill received the Purple Heart, the Combat Badge, Good Conduct Medal and the E.T.O. Ribbon.

**Sarah White** has joined Dr. Robinson's staff after just being discharged from the Navy Department at Washington, D. C. While in the service, Miss White held the rank of Lieutenant Junior Grade, and served in the Navy for two years and ten months. Before joining the Navy Department, she worked in the Applied Physics Laboratory at John Hopkins, Silver Spring, Md.

### BROWN STREET P.A.A. LINE



Dominic Bernardi, Harry Arbour and Vincent Matranga. Standing: John O'Leary, Alfred Vareschi, and Shoal Ashkar.





This is the experimental range at the University of New Mexico. It was used as a proving ground for the new fuze. Model airplane is suspended between the two towers.

Official U. S. Navy Photo

### Radio Association In Tribute To Broadcasters

"Tribute is stimulating and encouraging", states Mr. Miller of the National Association of Broadcasters -- an example of "each doing for the other in order to achieve an end product."

The Radio Manufacturers Association, with radio distributors and dealers throughout the country, observed National Radio Week by paying tribute to twenty-five years of American radio broadcasting. Highlight of the occasion was the presentation of a statuette to the National Association of Broadcasters by RMA President, R. C. Cosgrove.

Mr. Cosgrove said in part: Twenty-five years ago, a great new industry had its inception. In its swaddling clothes, it was called wireless. Today, its name is radio. We of the manufacturing segment of radio have felt that signal recognition is due the broadcasters of the nation for their service... that feeling has been intensified many fold with the part radio broadcasting had in winning the war... Now the war is over, new radios soon will be in stores, such new marvels as FM and television will take their places in the radio picture with added

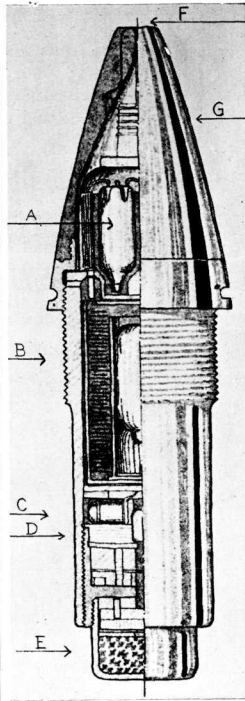
pleasure for millions... The statuette is presented to the National Association of Broadcasters and the broadcasting stations of America in recognition of a quarter of a century of public service and for their contribution to world peace and harmony.

Mr. Miller, accepting the statuette for the broadcasters, replied: This statuette has great significance to the broadcasters who produce and transmit programs for the information and entertainment of the American public. Use of radio receivers depends entirely on the popularity of what they are made to receive. Dollars spent in creation of fine radios could not induce people to use them, if the broadcaster did not produce programs that the listeners wanted to hear... The result is a common perspective--an appreciation of what one must do for the other in order to achieve an end product... It is stimulating and encouraging to receive a tribute like this from those who are most aware of our responsibilities and our performances... We treasure it as a symbol of cooperation between the manufacturers of radio receiving sets and the broadcaster, working together in the public interest.

### NAVY RELIES ON ELECTRONICS TO PILOT PLANES OF FUTURE

Predicting the "man's mind will be too slow for combat of the future," the Navy Department this week in a press release promised to press radio research during peacetime to prepare for the "robot."

"The pilotless aircraft of the future, controlled by electronics, will 'home' electronically on its target," the Navy said. "Electronic 'brains' will guide the counter-missile with precision. Out of research and development programs will come airborne radars which can initiate defense."



This cross-sectional drawing shows how the various portions of the VT-fuze are assembled inside the shell.

Official U. S. Navy Photo



### NAZIS DUPLICATED IMPORTANT WEAPON

The Germans, who almost mastered atomic explosive, duplicated in the closing days of the war this country's most important weapon--the proximity fuze.

The Nazi fuze had passed laboratory and field tests, mounted on a rocket-propelled missile for use against Allied aircraft when the equipment fell into Allied hands.

This came to light with publication of the third report of Gen. H. H. Arnold, chief of army air forces.

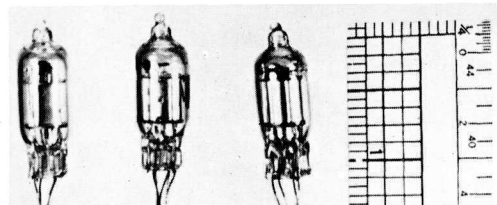
The Germans apparently solved the secret within five months after the fuze was used for the first time against them in the Ardennes offensive early last winter.

Low: This is my first roast turkey, dear.

Jim: Marvelous! And how wonderfully you've stuffed it.

Low: Stuffed it? Why this one wasn't hollow.

### BUREAU OF ORDNANCE FLAG



Hardly over an inch long, these tubes are some of the several types used in the VT-fuze which explodes a projectile as soon as it comes close enough to a target to inflict damage. Official U. S. Navy Photo

### R. C. Sprague Sees V-T Fuze In Action

(Continued from page 1)

about 26 knots (30 miles) an hour.

During the day we were given an opportunity to see all parts of the ship, and I walked my legs off visiting engine rooms, boiler rooms, living quarters, laundry, kitchens, mess halls, 5" turrets, 8" turrets, 20 millimeter Oerlikon mounts, 40 millimeter Bofors mounts, magazines, ammunition hoists, flood control quarters, central plotting room, flag bridge, navigation bridge, conning tower, air control station and combat intelligence center.

The amount of radar equipment used on a ship of this type is fantastic and beyond anything I imagined possible with radar transmitting antennas of all sizes and shapes rotating at varying speeds from different positions on both foremast, mainmast, and other parts of the ship.

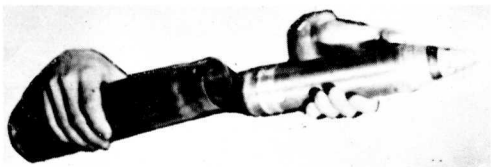
Capt. Allen Hobbs was the Skipper,

and it is interesting that he was just one class ahead of me at the Naval Academy, class of 1920 graduating in 1919.

All in all it was a most pleasant, instructive and exciting trip, and I enjoyed every minute of the day, although I must admit I am a little unused to getting up at 3:30 A.M.! When I gave the taxi driver my destination Pier 92 at 52nd Street North River, he asked me--"What are you going to do -- join the Navy?"

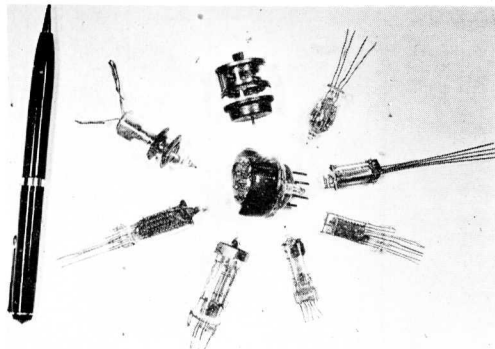
When going through one of the 8" turrets one of the sailors could no longer contain himself and finally blurted out this--"I suppose it is none of my business, but what the hell are you civilians doing on board anyway?" I explained to him the purpose of the trip and he seemed satisfied with the explanation.

Cordially yours,  
R. C. Sprague



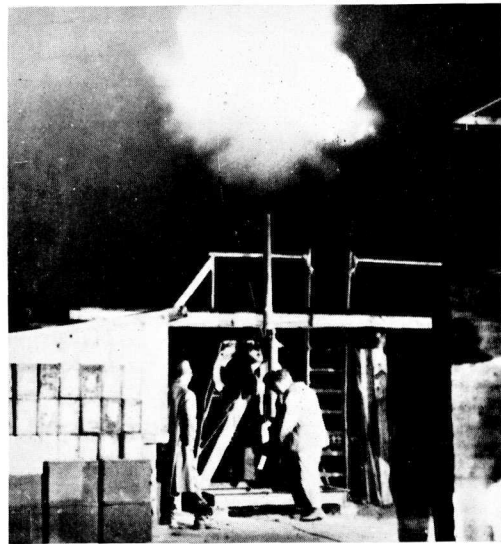
Some idea of the size and compactness of the Variable Timing Fuze can be obtained from this photo by comparing the size of the shell and projectile with the hands holding them and then referring again to the other photographs showing the fuze by itself.

Official U. S. Navy Photo



This photograph shows the rugged construction of the tiny radio tubes used in some of the early experimental models of the VT-fuze. They are not much wider than an ordinary pencil.

Official U. S. Navy Photo



This is the firing station at the Newtown Neck, Md., recovery field, where fuze components were examined after firing. Projectiles were fired nearly vertically and then dug up from the ground for examination.

Official U. S. Navy Photo

## I Was A Guest On The USS Missouri



Officers and Men of the "Missouri" Watch Joe's Surrender.

Laura Ferguson of the Factory Engineering had the pleasure and privilege to be a guest of the officers and crew of the majestic "Missouri", on Family Day, October 29th.

Her husband, James Ferguson SM1-c who has served on this ship for the past sixteen months conducted Laura and her mother on a thorough tour of the ship. Laura has described her day on the "Missouri" to us.

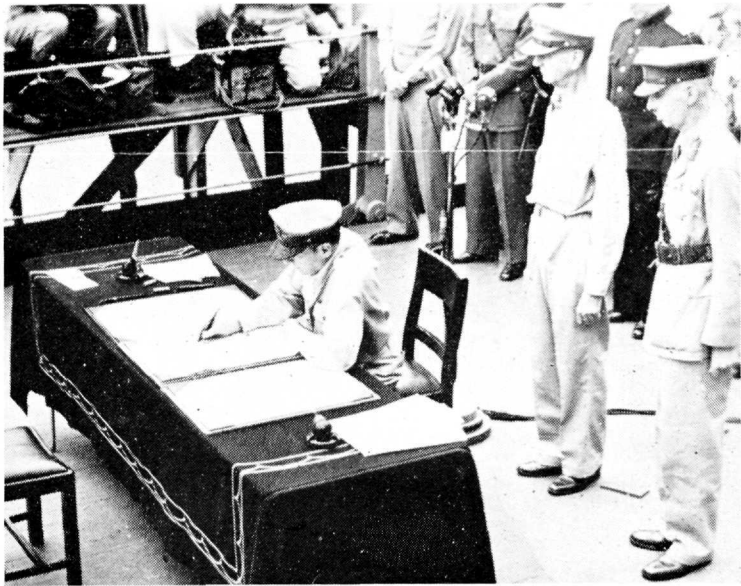
"We arrived aboard the ship at 9:00 A.M. and were greeted by my husband. We began our tour by first walking around the main deck and to the Surrender Deck. Here we saw, and read the inscription on the plaque, which was sealed in the floor on the spot where set the table on which the Surrender was signed. As you read the inscription your heart just seemed to swell with a feeling of exultation.

"Next, we were taken below the main level and here we saw the sleeping quarters. Quite interesting is the manner in which the hammocks are so cleverly tied back during the day. Here also we visited the sick bay and I was certainly amazed at the facilities and equipment available for the care of the sick. A complete operating room and isolation ward,—everything to ease the suffering and pain of our men. Of course, I was more than a little bit curious as to where my husband's station was, so the next place visited was there. Up to the quartermasters' deck we went. Here he explained his duties.

"It was now time for lunch and believe me the word, *food*, sounded like music in my ears after the work-out of the morning. So, on to the mess hall where we were served in true navy style. Everyone lined up for chow, and with their tray and silver, moved along the line to be served. Did I have fun with the big coffee bowl. We ate at the long tables and sat on the benches, which were on either side of

the tables. Suspended from the ceiling on a chain was a large coffee pot and each person poured his own. Lunch was really a lot of fun and very tastily prepared. Good cooks in this navy.

"After lunch we inspected the gun turrets and listened to the tales about the Kamikaze attacks. The story of the crashing of one of the suicide planes was uncanny and caused our flesh to creep. We were made to realize the fanaticism of the Japs. Evidence of the terrific impact of one of these planes was brought to our attention as the story was told of how



General MacArthur signs the Surrender papers aboard the Missouri.

a machine gun from a plane was driven through the barrel of one of the mighty guns on the turret. Though the damage to our gun had been repaired the scars were visible.

"We were to vacate the ship at 1:00 P.M. but were unable to get off until 3:30 P.M. The school children had taken over the ship by storm and we became trapped on the 03 level. Trying to get through this line of youngsters was indeed a feat worthy of mentioning. About this time I was the most woebegone and tired person I guess in New York. My stockings had acquired so many runs from the strain of climbing up and down ladders that I at last resorted to removing them. And what wouldn't I have given for a pair of the navy issued shoes.

"As I said my farewell to this beautiful ship I tried to paint a picture in my memory to have always. I can close my eyes now and see the spotless decks, the brass shining like mirrors and everything in its place.

"To my husband, his buddies and the officers I owe an everlasting debt for a never to be forgotten day in my book of memories. As their guest on this history making ship I could only extend a humble but profound thanks.

## Happy and Proud

With a smile of complacency and like a child with a new toy, Henry Anderson of the Factory Engineering Department is busy circulating amongst his friends this past week telling them a choice bit of news! He and the Missus were grandparents!

A baby girl, Carol Elaine, was born to his son, Chief Petty Officer and Mrs. P. H. Anderson at the Chelsea Naval Hospital, Tuesday, November 13, 1945. Henry says the mother and baby are doing fine and so is Grandfather Anderson. Grandmother Margaret, is employed in the Dry Test Department.

## Birth

SON: A baby boy was born to Mr. and Mrs. John Sarkis, Thursday, November 8, 1945. Mother Jeanette was formerly employed in the Industrial Oil department.

## Marriage

LISEE-GIACCO: Miss Grace Giacco, daughter of Joseph Giacco and the late Sarah Giacco was joined in marriage Saturday, November 10, 1945 to Edward H. Lisee, son of Mr. and Mrs. Adelard Lisee of Adams, Mass. Grace is employed in the Sample Lab at the Beaver Street Plant.

# SPORTS . . . by Russell and Bullett

## Crusaders In Line For West. Mass. Grid Title

In the Northern Berkshire semi-pro football the St. Anthony Crusaders and the St. Stanislaus elevens are enjoying fine seasons. The Crusaders have won 7 games out of eight while the Saints have won all 4 games played to date and have held their opponents scoreless as well. The most recent win for the Crusaders was a 6-0 triumph over the Leominster Hurricanes, who had previously toppled the locals from the unbeaten class by the score of 13-6. This game was played on rain-swept Noel field under adverse weather conditions and both teams were unable to muster a good offense. The game was rough and only a fumble recovered by the locals set the stage for the only score. The fumble occurred on the Hurricanes 8 yd. line in the second quarter and was recovered by Eddie Farinon. On the first play Bob Garner, local guard went into the full back position and on his first crack at the line crashed through to the goal line where he fumbled but Dale Long, the end, fell on the ball for the touchdown and the only score of the day. The try for the extra point was wide. The Saints meanwhile were tacking on an 18-0 shutout over the Italian-Americans leaders of the Springfield loop, at Dorothy Deming Field in Pittsfield. The veteran Joe Duda, Pittsfield boy, scored two touchdowns while Ray Kowalski scored for the Mother Town outfit. Whether or not the Saints and Crusaders get together for a series to determine the Berkshire crown depends on the financial arrangements as both have dickered over the matter for the past two weeks.

### In the College World

Looks very much like both the Army and Navy teams will come up to their annual clash on Dec. 1 unbeaten. This column still likes the Army by a couple of touchdowns. Columbia and Temple both have been knocked out of the unbeaten bracket as Columbia fell before Penn. Univ. 32-7; and Temple was absorbing a 27-0 licking at the hands of Penn. State. To date the major unbeaten and untied teams around the country number just five. They are—Army and Holy Cross in the East; Alabama in the South; Oklahoma A. & M. in the Southwest; and St. Mary's Gaels of California in the Far West. In 7 games the Army has rolled up 319 points as against 33 for the opposition; Holy Cross has scored 165 as against 25 for their opponents. In 6 games the Gaels of California have scored 230 points as against 13; Oklahoma A. & M. has tallied 159 points and 57 have been registered by the opposition. The Alabama "Crimson Tide" has played 5 games and has scored 194 points and the opposition has counted 47.

### Professional League

In the National Professional League the colorful Washington Redskins are leading in the Eastern Division while the surprising Cleveland Rams are putting a strangle hold on the Western Division. The New York Giants are down in the cellar of the Eastern Division.

### Hockey

Hockey is more and more in the headlines these days and as all sports are picking up may we add that big time hockey has started off to great crowds that will undoubtedly make this year financially a successful one. In the National Hockey Loop, the Chicago Black Hawks are setting the pace followed by the Montreal Canadiens and the Detroit Red-Wings. The race this year should be unusually close as each team has been bolstered by returning servicemen.

By Ken Russell

## Berkshire Football Champs

High school football passed out of the sports picture in Berkshire County when Adams High, the Northern Berkshire champs, tangled with Lee High, the Southern Berkshire title holders, Saturday, November 17, at Dorothy Demming Park, Pittsfield. The clash settled the Berkshire County grid championship with Adams winning by the score of 19-0.

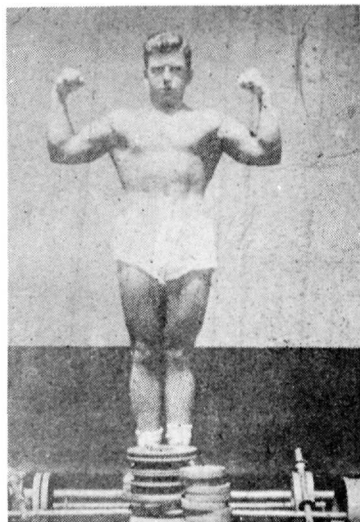
In past years, the top team of the so-called "Big Three" (Drury, Adams and Pittsfield) was acclaimed the Berkshire Champions. However, Lee High in the past two years, has been represented by exceptionally good teams, and Art Fox consented to a post-season game with them this fall. Next year, however, if John Consolotti, the Lee coach, wants recognition for his team regarding the Berkshire title, he should be made to schedule Adams, Drury and Pittsfield, and not wait until these three schools have battled it out — and then challenge the winner for the Berkshire Championship.

### BASKETBALL FORECAST

St. Joe's has a head start on the other clubs, with three weeks of practice. The prospects are none too bright, but an improvement over last year's showing is almost certain. Holdover veterans include Captain Everett Unis, a good center; Billy Gagnon and Sonny Bourdon, both regular forwards last year; Jim McDonough and "Peanuts" Lynch, who should take care of the backcourt in capable style. Danny Hawthorne is again at the helm of the Eagle Street school, and with him coaching, the seven other clubs can always be assured of a merry battle. Drury High, the city's other school in the Northern Berkshire Basketball League, shapes up as a very serious contender. Returning lettermen include Gordon Neville, Francis Wright and Prevey at the forwards, Bob Kateley at center, and Bob Rosasco, Frank Sinclitico and Sam Avdoulos in the backcourt. Practice sessions are being held daily, and the opening game is carded with Pittsfield St. Joseph's on December 7th. Dave Hosley is again coaching the public school representatives.

By Bernie Bullett

Well, the Vermont Deer season has begun and we expect to hear from our local nimrods on their ventures into the Vermont hills. Although snow has fallen very lightly in the northern part of the state this is not expected to increase the success of the hunter. Quite a number of deer have been sighted throughout the state and this should encourage most of the boys. Good hunting, fellows.



Harold Carsno, Gunners Mate 3-c, brother of Catherine of P.A.A.; now stationed in Okinawa.



Lt. Ippol Bongiolatti last stationed in Japan; husband of Rachel, of Planning Department.

## OPEN LETTER FROM NEAL PIPPIN

Neal B. Pippin, formerly connected with the Excelsior Printing Company, sends the following letter to Sprague Electric Company personnel:

Having left the employ of the Excelsior Printing Company without an opportunity to say "So long" to many of the friends and associates that I have met at Sprague Electric Company these past few years, I have asked Mr. Ed Whitten's permission to say a few words in the columns of the *Log* to express my sincere appreciation for the pleasant and courteous treatment always accorded me by all.

May I extend sincere good wishes to all at the Sprague Electric Company for a bright and successful future. My best wishes to the *Log* Staff.

Many thanks and Good Luck to all.  
Neal B. Pippin

## New Insulating Enamel!

Electric insulating enamel now being produced will withstand boiling water or ice water and a constant operating temperature of 500 degrees.